General notes: Proportions for any Trade/Factor combination must sum to 1.00, product of Proportion*ParA used in model

No construction trade-to-flow ratios, since specified as non-transportable in ULP[1]-- (also requires no biz-promo trips for constructic
For trips in both directions (Out & Ret not blank), the trip rate (ParA) is per direction, which is half of the NPTS trips. FREDA will ger

Biz Promo person trips assumed to be (proportn =) 1% of all business trade, other proportn adjusted accordingly (except constructic
Commuter-style ("X" in column "C") used for non-freight trips. Freight trips use annual Reebie data.

UFP[4]				Flows				Biz Promo person trips assumed to be (proportn =) 1% of all business trade, other proportn adjusted accordingly (except constructi Commuter-style ("X" in column "C") used for non-freight trips. Freight trips use annual Reebie data.
		FUperTU		with t op				*** Hidden column G checks that Proportn sums to 1.00 for each Trade ***
Trad Fnct	Proportn		. ParC		et. B (C Fact	Fact Description	Notes
1 1	0.96877	78.13918		5				mploy: Used Reebie Ind Tons/WA Ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons
1 1	0.02123	78.13918		6		,		Ag em Used Reebie Ind Tons/WA Ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons
1 1	0.01000	6.77488		9)	(Biz promo PersTrips per Ag employe	96
2 1	0.99000	3233.735		5			Tons Lo VtW goods produced per M	ining ∈Used Reebie Ind Tons/WA Ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons
2 1	0.01000	6.77488		9)	<	Biz promo PersTrips per Mining emp	oloyee
4 1	0.57540	328.7349		5			Tara La VAM anada aradusad an M	and a Head Deakin led TeachWA led analysis on Deakin WW sets and Teac/Deakin Tetal WW sets and Teac
4 1	0.57519 0.37323	328.7349		5 6				anuf e Used Reebie Ind Tons/WA Ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons Januf Used Reebie Ind Tons/WA Ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons
4 1	0.04158	328.7349		7				anuf ei Used Reebie Ind Tons/WA ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons anuf ei Used Reebie Ind Tons/WA ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons
4 1	0.04130	6.77488		9)	,	Biz promo PersTrips per Manufacturi	
					,	`		
5 1	0.89130	273.4654		5				CPU e Used Reebie Ind Tons/WA Ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons
5 1	0.09752	273.4654		6				CCPU Used Reebie Ind Tons/WA Ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons
5 1	0.00119	273.4654		7				CPU e Used Reebie Ind Tons/WA Ind employees, Reebie VtW category Tons/Reebie Total VtW category Tons
5 1	0.01000	6.77488		9	>	<	Biz promo PersTrips per TCPU empl	loyee
6 1	0.99000	468.5919		7			Tons Hi VtW goods produced per Wi	hol Τr: Used average tons/employees of all VtW Category for Ind 1,2,4,5,6
6 1	0.01000	6.77488		9)	<	Biz promo PersTrips per Wholesale	
7 1	0.10000	152.4097		7		11		ed per ParA is tonnes of goods per employee, Proportn (10%) is the portion of those goods that are shipped by delivery.
7 1	0.10000	152.4097		7		13		
7 1	0.19800	152.4097		7				duced same as above, Proportn (20%) is higher because businesses are more likely to get retail goods shipped to them
7 1	0.90000	5.81162		2	2 X)			ail Em Shopping trips per retail employee (Proportn*ParA) assumed constant regardless of whether Proportn (portion of goods picked-up
7 1	0.90000	5.81162		2	2 X)		3	
7 1	0.79200	6.60412		2	2)			Trips r same as above, Proportn is lower because businesses more likely to have retail goods shipped to them
7 1	0.01000	6.77488		9)	<	Biz promo PersTrips per Retail empl	oyee
8 1	0.99046	3.55187		8	8)	<	Service PersTrips per FIRE employe	ee proportion chosen so service ParA =Biz Promo ParA (to match above format), based on NPTS "work related biz" trips/HH * WA HH
8 1	0.00954	3.55187		9	9)	<	Biz Promo PersTrips per FIRE emplo	byee same as above
9 1	1.00000	0.00010		8	8)	,	NA	shouldn't be needed, as all consuming factors are accounted for below 3
9 1	1.00000	4.37503		3	3)			
9 1	1.00000	4.37503		3	3)			
9 1	0.99046	3.55187		8	8)		3	
9 1	0.00954	3.55187		9	9)			
9 1	0.99046	3.55187		8	8)			
9 1	0.00954	3.55187		9	9)			
9 1	0.99046	3.55187		8	8)			
9 1	0.00954	3.55187		9	9)			
9 1	0.99046	3.55187		8	8)			
9 1	0.00954	3.55187		9	9)			
9 1	0.99046	3.55187		8	8)			
9 1	0.00954	3.55187		9	9)			
10 1	0.00040					,	On their sets of the FIRE (see	
	0.99046	3.55187		8 9	8)		Gov't trip rates, same as FIRE for no	
10 1	0.00954	3.55187		9	9 /	`	Gov't trip rates, same as FIRE for no	w
11 1	1.00000	1.27547		1	1)	<	Commuting PersTrips per HH	used NPTS commute Pers trips
12 1	1.00000	1.27547		1	1)	,	same as above, to cover all HH group	ps same as above, for inc group 2
12 1	1.00000	1.27347		,		-	same as above, to cover all till gloup	same as above, for the group 2
13 1	1.00000	1.27547		1	1)	<	same as above, to cover all HH group	ps same as above, for inc group 3
14 1	1.00000	1.27547		1	1)	(same as above, to cover all HH group	ps same as above, for inc group 4 (highest)
				•				
15 1	0.82691	2558.85			10		ext-internal truck trips per import \$M	Reebie (Intrastate and outbound US/Canada) CY97 truck tons/\$M of import
15 1	0.17309	2558.85		11	11		ext-ext truck trips per import \$M	EWITS 95 daily truck tons*365/\$M of import
16 1	0.61018	0.50000		3	3)	<	Soc/Rec PersTrips, assume 50% att	ractec use 0.5 in each direction. Factor units are NPTS other trips attracted by population (not-related to the consumption of services), oth
16 1	0.38982	0.50000		4	4)		vfr PersTrips (assumed 100% attract	
	2.00002			•				

6/28/01 UFP trip rates.xls, UFP[4]



iers captured in trade 9 services

6/28/01 UFP trip rates.xls, UFP[4]